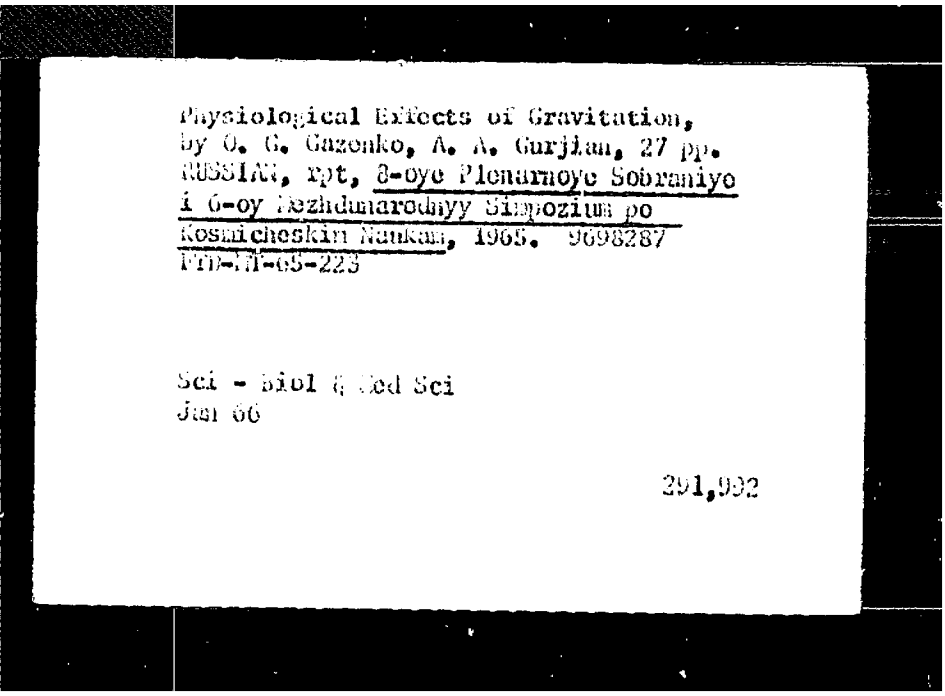
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Supersaturation and Condensation of Potassium Vapor Flow, by G. L. Podvidz, RUSSIAN, per, Plofizika Vysokokh Temperatur, Vol V, Jan-Feb 1967, pp 121-129.
*NASA TT F-11,182

Sci-Phys
Jul 67

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



Physiological Effects of Gravitation, by O. G. Gazenko, A. A. Gurjian, 27 pp. RUSSIAN, rpt, 8-oye Plenarnoye Sobraniye i 6-oy Mezhdunarodnyy Simpozium po Kosmicheskim Nankam, 1965. 9698287 FTD-TT-65-223

Sci - biol & Med Sci
Jan 66

291,982

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Classification of Plasma Substitutes, by I. Sh. Ilyumin, 8 pp.
RUSSIAN, per, Plazmozameshchayushchiye Rastvory i Preparaty Krovi v Ambulatornoy Praktike, 1967, pp 5-14.
JPRS 43908

Sci/B&M
Jan 68

348,252

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

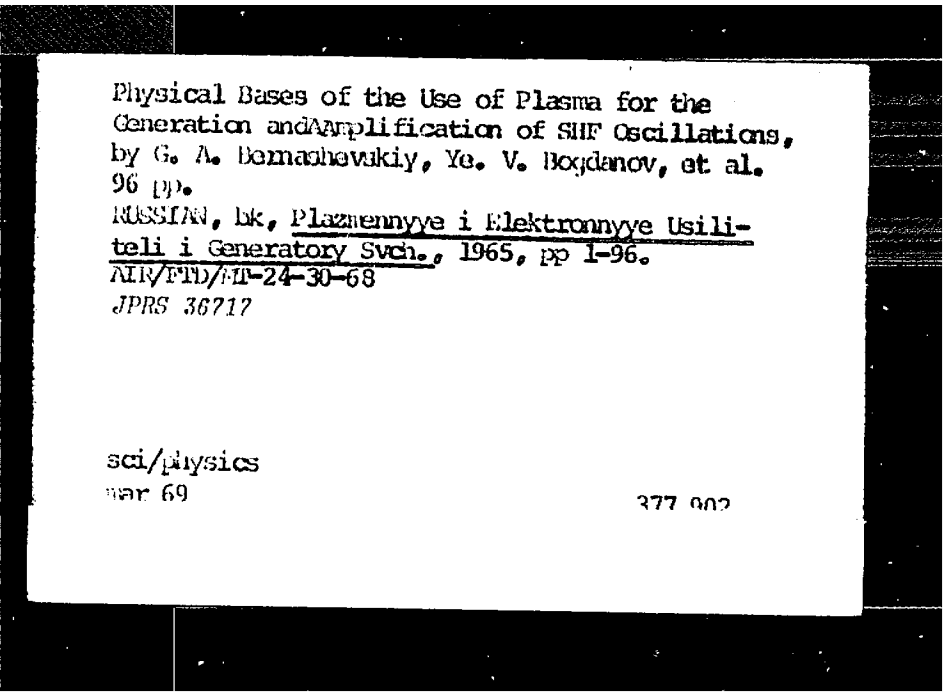
Plasma Radiation Mechanisms in Astrophysics, by S. A. Kaplan, V. N. Tsytovich.
RUSSIAN, bk, Plazmennyye Mekhanizmy Izlucheniya V Astrofizike, 1968.
Tr No 55, Aug 1969
AIR/AFCRL/69-0356

Sci/Phys
Oct 69

394,077

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



Physical Bases of the Use of Plasma for the Generation andAAmplification of SHF Oscillations, by G. A. Bernashevskiy, Ye. V. Bogdanov, et al. 96 pp.
RUSSIAN, bk, Plazmennyye i Elektronnyye Usiliteli i Generatory Svch., 1965, pp 1-96.
AIR/FTD/MT-24-30-68
JPRS 36717

sci/physics
mar 69

377 002

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Plasma Thermal Emission Energy Conversion,
by Stakhanov, I. P. ; Stepanov, A. S. ; 398 pp.
RUSSIAN, bk, Plazmennoye Termoemissionnoye
Preobrazovaniye Energii, 1968, pp 1-392.
AIR/FTD/MT-24-374-69

sci/Nuclear Science
apr 70 405,988

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Plasma Astrophysics, by S. A. Kaplan.
RUSSIAN, bk, Plazmennaya Astrofizika, 1972, 440 pp.
*IPST

Sept 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Current Problems in Physics, by V. V. Shevchenko. RUSSIAN, bk, Plavnye Perekhody v Otkrytykh Volnovodakhy, 1969, pp 154-173.
*CFSTI TT 70-50105

Sept 70
Sci/Phys

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

AMPHIBIOUS VEHICLES

STEPANOV, A. LANGUAGE-RU COUNTRY-UR

PLAVAYUSHCHIYE MASHINY

PUBL: DOSAFF PUBLISHING HOUSE, MOSCOW, 1971, 165 PP.

FSTC-HT-23-1121-73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

New Book on Past and Present of Airborne Forces,
by V. F. Margelov, 29 pp.
RUSSIAN, per, Platsdarm za Oblakami, Moscow, 1972,
192 pp.
JPRS 57507

Nov 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Machine Parts Made of Caprone, by R. Davydova,
9 pp.
RUSSIAN, rpt, Plastmassy Vmesto Metalla,
1965, pp 61-69.
ACSI I-9854
ID 2204007766

Sci-M/M
Jul 66

304,252

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Methods of Increasing Effectiveness of Use of Plastics, by M. Yarkovlev, 9 pp. RUSSIAN, rpt, Plastmassy Vmesto Metalla, 1965, pp 7-14.
ACSI I-9854
ID 2204007766

Sci-M/M
Jul 66

304,253

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Plastics in Technology, by A. Yu. Yur'yev.
RUSSIAN, bk, Plastmassy V Tekhnike, 1970, 59 pp.
*FSTC-HT-23-1070-72

Dec 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Use of Plastics in Armored Tank Equipment, by I. M. Belkin, L. M. Romantseva, and V. A. Sukhanova, 37 pp.
RUSSIAN, bk, Plastmassy v Bronetankovoy Tekhniki, 1965, pp. 65-107.
JPRS 36946

DIA LN 126-71, pp. 104-107.

USSR
Mil
Sept 66 311,164

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Plastics in Armor Material; Chapter 2: Prospective Plastics for Armor Applications; Chapter 4: Application of Plastics in Servicing and Repair of Armor Material, by I. M. Belkin, L. M. Romantseva, 44 pp.
RUSSIAN, per, Plastmassy v Bronetankovoy Tekhnike, 1965.
ARM/FSTC/HT-23-1105-71

June 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

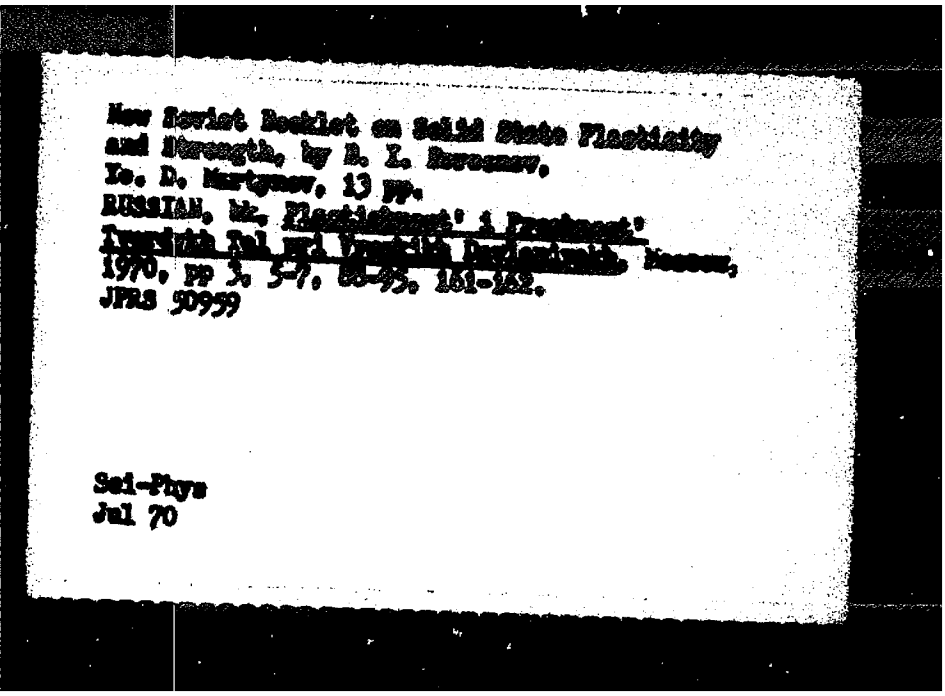
Ye. D. Makeyeva

Silica gel plastic greases resistant to corrosive media. 10 pp
RUSSIAN, Plastichnyye smazki i tverdyye smazochnyye pokrytiya, No 11, 1969, pp 158-164
AIR/FTD-HT-23-871-72

nov 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

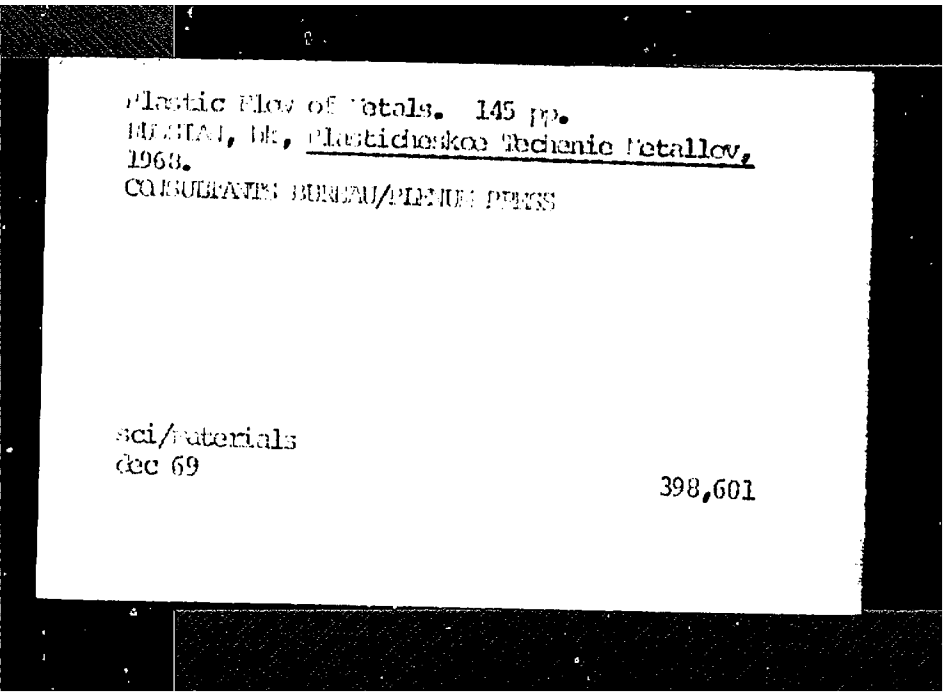


New Soviet Booklet on Solid State Plasticity and Strength, by B. I. Borovoy, Yu. D. Martynov, 13 pp.
RUSSIAN, bk. Plastichnost' i Prochnost' [illegible], Moscow, 1970, pp 3, 5-7, 88-93, 161-162.
JPRS 50959

Sci-Phys
Jul 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



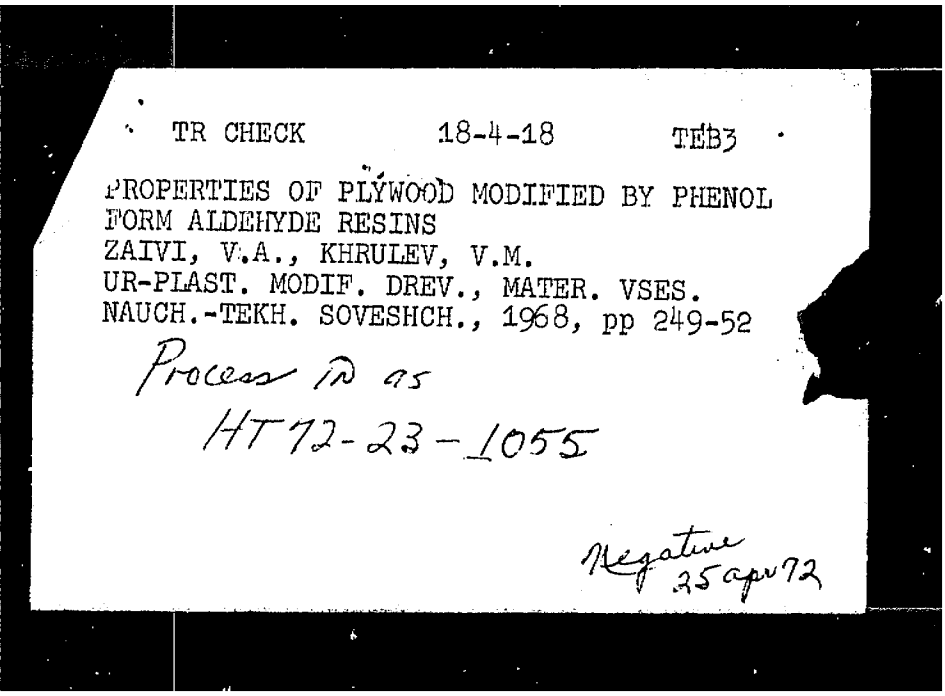
Plastic Flow of Metals. 145 pp.
BELYAI, BK, Plasticheskoe Techenie Metallov,
1968.
CONSULTANTS BUREAU/PLENUM PRESS

sci/materials
dec 69

398,601

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



TR CHECK 18-4-18 TEB3

PROPERTIES OF PLYWOOD MODIFIED BY PHENOL FORM ALDEHYDE RESINS
ZAIVI, V.A., KHRULEV, V.M.
UR-PLAST. MODIF. DREV., MATER. VSES. NAUCH.-TEKH. SOVESHCH., 1968, pp 249-52

Process ID as
HT72-23-1055

Negative 25 apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Technological Properties of Thermosetting Molding Compounds, by V. K. Maryashin.
RUSSIAN, per, Plasticheskie Massy, No 2, 1971, pp 20-23.
NTC 72-14311-11I

Jan 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

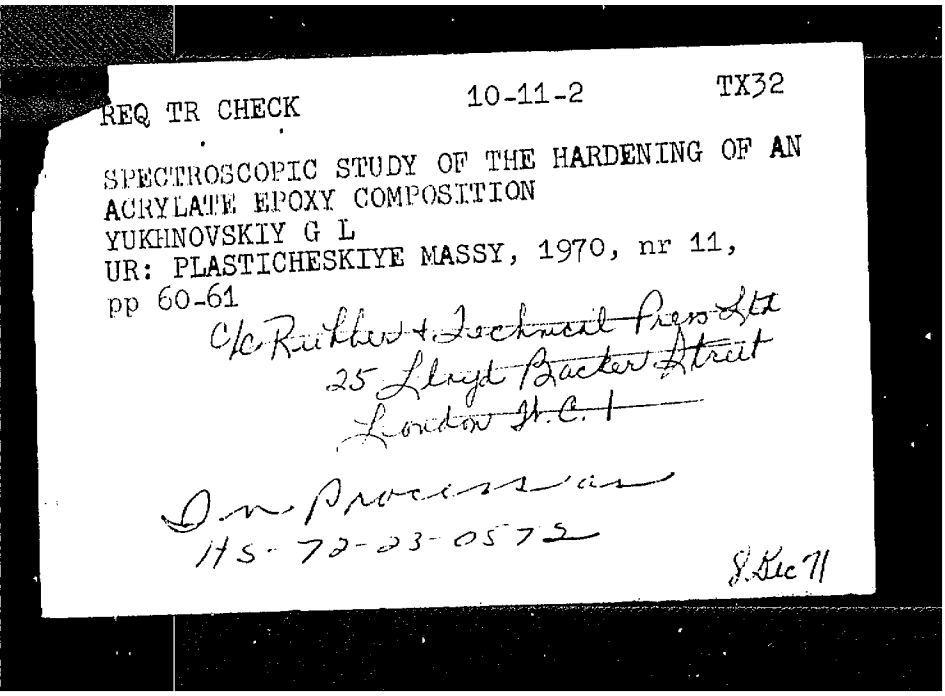
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Effect of Stabilizers Upon the Properties of Irradiated Poly-Propylene, by P. I. Sanin.
RUSSIAN, per, Plasticheskie Massy,
No 1, 1971, pp 39-42
NTC 72-11995-11I

June 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



REQ TR CHECK 10-11-2 TX32

SPECTROSCOPIC STUDY OF THE HARDENING OF AN ACRYLATE EPOXY COMPOSITION
YUKHNOVSKIY G L
UR: PLASTICHESKIYE MASSY, 1970, nr 11, pp 60-61

C/o Rubber & Technical Press Ltd
25 Lloyd Baker Street
London W.C.1

D.M. Processing
JPRS-72-23-0572

8 Dec 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Dialkyl Dithiophosphates of Metals as Polymer Stabilizers, by V. V. Mikhailov, RUSSIAN, per, Plasticheskie Massy, No 9, 1970, pp 23-24.
NTC 72-10824-11I

May 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Determination of the Limits of Forced Elasticity for Plastics Under Anisothermal Conditions, by Yu. A. Korol.
RUSSIAN, per, Plasticheskie Massy, No 7, 1970, pp 68-70.
NTC-71-16172-11I

Jan 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Spectroscopic Determination of Light- and Heat Stabilizers in Polyolefin Films, by L. I. Zyuzina
RUSSIAN, per, Plasticheskie Massy, No 7, 1970,
pp 66-67
NTC 71-16762-11I

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Properties of Antistatic and Electrically
Conductive Polymeric Materials, by Yu. I. Vasilenok
RUSSIAN, per, Plasticheskie Massy, No 5, 1970,
pp 57-60
NTC 71-16498011I

mar 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Influence of Crystallization and Orientation on the Electrical Properties of Polymers, by

A. M. Lobanov

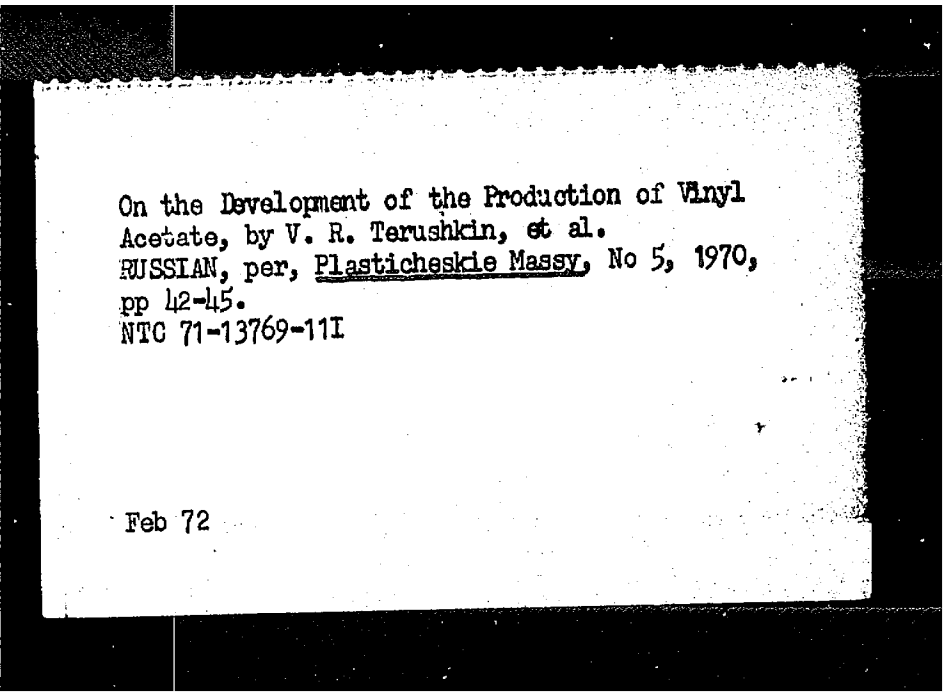
RUSSIAN, per, Plasticheskie Massy, No 5, 1970, pp 52-56

NTC 71-16497-11I

mar 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



On the Development of the Production of Vinyl Acetate, by V. R. Terushkin, et al.
RUSSIAN, per, Plasticheskie Massy, No 5, 1970, pp 42-45.
NTC 71-13769-11I

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Studying the Life of Ametal-Polymer Pair in Sliding Friction Bearings, by M. E. Krichevskiy
RUSSIAN, per, Plast Massy, No 1, 1970, pp 60-70
FTD HT Special 301-70

Nov 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Preparing, Reprocessing, and Testing Fire-resistant Etrols, by L. N. Malninin.
RUSSIAN, Per, Plast Massy, No 10, 1969, pp 36-38.
FTD HT Special 239-70

Sci-Mat
Jul 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Stabilization of Polyorganosiloxanes by Means of Ferrocene Derivatives, by G. S. Tubyanskaya. PLASTICHESKIYE MASSY, No 10, 1969, pp 21-22.
FSTC-HT-23-879-70

Feb 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Ftoroplast-4 Filled with Carbides, by
Ye. N. Spivakovskiy, A. ~~P. Profok'eva.~~ A. P. Prokof'eva
RUSSIAN, per, Plast Massy, No 9, 1969,
pp 47-48.
FTD HT Special 254-70

Sci-Chem
Sep 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Heat and Light Stabilization of Polypropylene With Compounds Containing Several Functional Groups, by Yu. I. Temchin.
RUSSIAN, per, Plasticheskie Massy, No 9, 1969, pp 37-40.
NTC 72-10080-11I

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

The Effect of Surfactants on the Properties of Dense Elastomer from Elastic Polyurenthane Foam, by V. P. Chabotarev.
RUSSIAN, per, Plast Massy, No 8, 1969, pp 58.
ATS RJ-5351

Sci-Mat
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

AES

RJ-5699 DIELECTRIC PROPERTIES OF METALLOPOLYMERS BASED ON PALLADIUM AND EPOXY RESIN, E. M. Matanson et al., Plast. Massy 1969, No. 7, 47-9. Test results are graphed, tabulated & discussed.
1800 W; 1 T; 3 F; 5 R $ 9.00 ($1.60)

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

New Photostabilizers for Polyolefins, by
Ya. A. Gurvich.
RUSSIAN, per, Plasticheskie Massy, No 7, 1969,
pp 30-31.
NTC-71-10832-07E

Nov 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Gas-Chromatographic Study of Copolymerization of Vinyl Monomers, by L. P. Vishnevetskaya.
RUSSIAN, PER, Plast Massy, No 6, 1969, pp 62-63.
ATS RJ-5352

Sci-Phys
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Emulsion Polymerization of Vinyl Chloride in the Presence of Sodium Bis(2-Ethylexyl) Sulfosuccinate, by A. I. Krymova.
RUSSIAN, per, Plast Massy, No 6, 1969, pp 10-13.
ATS RJ-5353

Sci-Chem
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Emulsion Copolymerization of Vinyl Acetate With Ethylene Under Low Pressure, by A. F. Nikolaev.

Russian ~~ENGLISH~~, per, Plasticheskie Massy, No 6, 1969, pp 8-10.

NTC-70-12826-11I

AT s RT-5354

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Predicting the Durability of Welded Joints of Thermoplastic Films, by M. G. Dodin, 6 pp.
RUSSIAN, per, Plasticheskie Massy, No 4, 1969, pp 68-70.
ACSI K-2224
FSTC-HT-23-1665-72

Oct 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Aging of Polyamide Films in Ligroine, by
K. M. Yamaluyev, et al.
RUSSIAN, per, Plast. Massy, No 3, 1969,
pp 58-59.
FTD HT Special 21-70

feb 70 401,051

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Films from a Vinylidene Chloride-2-Ethylexyl Acrylate Copolymer Latex, by Ye. P. Dontsova. RUSSIAN, per, Plast Massy, No 1, 1969, pp 11-13. ATS RJ-5372

Sci-Chem
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Effect of Some Factors on the Emulsion Polymerization of Vinyl Chloride, by V. M. Soldatov.
RUSSIAN, per, Plast Massy, No 1, 1969, pp 5-6.
ATS RJ-5356

Sci-Chem
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Inhibitors of Thermooxidizing Destruction of Pentaplast,by S. S. Khin'kis. 8 pp.
RUSSIAN, por, Plasticheskiye Massy, No 12, 1968 pp 8-12.
FTD S-~~814~~ 353-69

353-69

aug 69 389,757

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Thermal Stability of Copolymers of Tetrahydrofuran and Propylene Oxide and of Polyetherurethane Derived from them, by O. K. Managadze.
RUSSIAN, per, Plast Massy, No 11, 1968, pp 38-41.
ATS RJ-5020

Sci-Chem
July 69

385,451

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Synthesis and Polymerization of Polymaleates-Methacrylates, by L. N. Sedov.
RUSSIAN, par, Plast Massy, No 11, 1968, pp 25-28.
ATS RJ-5021

Sci-Chem
July 69

385,452

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

The Polymerization of Isobutylene With Complex Metallorganic Catalysts, by N. N. Korneev.
RUSSIAN, per, Plasticheskie Massy, No 10, 1968, pp 3-6.
NTC 72-10578-11I

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Copolyesters of 2-Butyne-1, 4-Diol and 2,2,3,3-Tetrachloro-1, 4-Butanediol, by F. M. Medvedeva.
RUSSIAN, per, Plast Massy, No 9, 1968, pp 26-27.
ATS RJ-4906

Sci-Mat
Feb 69

373,731

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Adhering Poly (tetrafluoroethylene), by
S. V. Byurat, et al.
RUSSIAN, per, Plast. Massy, No 8, 1968, pp 74-75.
FTD HT Special 566-69

nov 69

395,409

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Stabilization of Cellulose Acetate with Polyurethanes, by V. K. Belyakov. RUSSIAN, por, Plast. Massy, No 8, 1968, pp. 35-7.
NLL Ref: 5828.4F (M.7503)

F.K.I

Sci-Chem
July 69

357437

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Reaction of a 2,2-methylene-bis (6-tertiary butyl-4-methylphenol) with Certain Titanium Compounds, by N. P. Lazareva, et al. 2 pp. RUSSIAN, per, Plasticheskiye Massy (Plastics), No 8, 1968, pp 22-23.
FTD S-~~740~~ 348-69

345-69

july 69

387,338

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Use of Surface-Active Substances as Antistatic Agents, by Yu. I. Vasilenok, V. N. Lagunova. RUSSIAN, per, Plast Massy, No 8, 1968, pp 20-22. ATS RJ-4912

Sci-Mat
Feb 69

373,737

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Curing of Maleate-Acrylate Resins with Various Initiating Systems, by V. D. Valgin.
RUSSIAN, per. Plast Massy, No 7, 1968, pp 37-38.
ATS RJ-4911

Sci-Mat
Feb 69

373,736

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

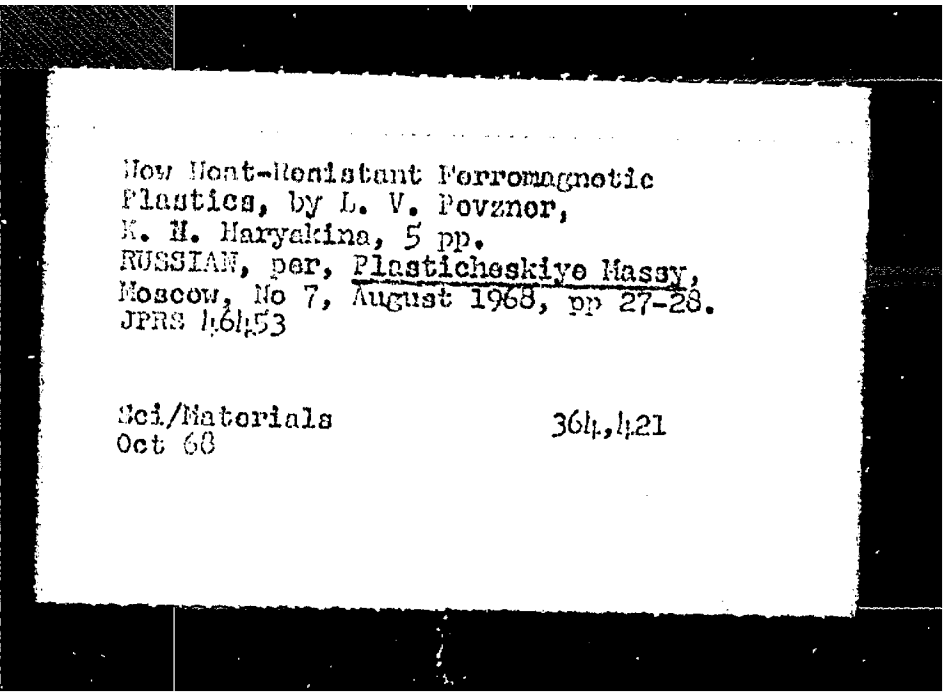
Copolymerization of Tetrahydrofuran and Propylene Oxide, by O. K. Managadze, RUSSIAN, per, Plast Massy, No 7, 1968, pp 32-34.
ATS RJ-4910

Sci-Mat
Feb 69

373.735

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



New Heat-Resistant Ferromagnetic Plastics, by L. V. Povzner, K. M. Maryakina, 5 pp.
RUSSIAN, per, Plasticheskiye Massy, Moscow, No 7, August 1968, pp 27-28.
JPRS 46453

Sci/Materials
Oct 68

364,421

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Wearing Characteristics of Plastic Materials in Inert Medium and in Air, by S. B. Ratner. RUSSIAN, per, Plasticheskie Massy, No 6, 1968, pp 63-64.
NTC-71-16178-11I

Jan 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Rapid Determination Method for Phenol and Formaldehyde in Phenon-Formalde Resols, by B. M. Bulygin.
RUSSIAN, por, Plasticheskie Massy, No 6, 1968, pp 54-57.
NTC-71-16173-11I

Jan 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Dielectric Properties of Polytriazine Diols and Polytriazine Urethanes, by I. M. Erlikh, RUSSIAN, per, Plasticheskie Massy, No 6, 1968, pp 30-32.
NTC-71-16174-11I

Jan 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

The Thermal-Oxidative Destruction of Poly-Ethylene Terephthalate, by B.M. Kovarskaya, I.I. Levantovskaya.
GERMAN, per, Plasticheskie Massy, No 5, 1968, pp 42-46.
NTC 69-11014-07C

Sci/Chem
July 69 387-310

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Polycondensed Plastics. Continuous Condensation of Phenol with Formaldehyde Studied by a Rank Correlation Method, by I. S. Volchek.
RUSSIAN, per, Plasticheskiye Massy, No 2, 1968, pp 22-26.
NTC-69-16483-111

Sci-Materials
Feb 70

402,942

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Heating of Plastics During Repeated Deformation and the Nature of the Woehler Curve, by V. I. Korobov, S. B. Ratner.
RUSSIAN, per, Plasticheskiye Massy, No 1, 1968, pp 68-72.
FTD-S-~~284~~ 251-68

Jan 69 374,213

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Reducing the Flammability of Elastic Polyurethane
by Ye. A. Bulygina, F. A. Kryuchkov. 6 pp.
RUSSIAN, per, Plasticheskiye Massy, No 1, 1968,
pp 30-31.
AD/FTD/MT-23-1061-68

sci/materials
june 69

382,989

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Thermal Oxidative Degradation of a 3,3-BIS (Chloromethyl) Oxacyclobutane Polymer, by S. S. Khin'kis, A. T. Yemel'yanova, et al.
RUSSIAN, per, Plasticheskiye Massy, No 1, 1968, pp 15-17.
FTD-S-~~250~~ 394-68

Jan 69

373,555

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Properties of the System Polyvinyl Chloride + Plasticizer, by I. P. Rotenberg, K. I. Zapolskaya, 12 pp.
RUSSIAN, per, Plasticheskiye Massy, No 1, 1968, pp 8-12.
AIR/FTD/HT-23-1062-68

Sci/Chem
Nov 69

393,532

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

The Processing Conditions for the Copolymer of Styrene with α-Methyl Styrene, by V. S. Kim, N. Kh. Rustayeva.
RUSSIAN, per, Plasticheskiye Massy, No 12, 1967, pp 58-61.
NTC 69-10953-111

Sci-Mat
May 69 382,673

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Glass Fiber Reinforced Plastics, by I. I. Perahitskiy & B. S. L'vov, 11 pp.
RUSSIAN, per, Plasticheskiye Massy, No 11, 1967, pp 48-52.
JPRS 43923

Sci/Mat
Jan 68

348,267

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Suspension Method of Preparing High-Molecular-Weight Polystyrene, by E. N. Eremina.
RUSSIAN, per, Plast Massy, No 10, 1967.
pp 3-6.
ATS RJ-4938

Sci-Mat
Feb 69

373.759

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

The Production of Block and Graft Polyethylene-Polyisobutylene Copolymers During Extrusion,
by M. S. Akutin, B. N. Artemenko.
RUSSIAN, per, Plast Massy, No 9, 1967,
pp 64-65.
ATS-4848

Sci
Dec 68

368,721

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Pyreme-Phenol-Formaldehyde Resins, by N. V. Shorygina, T. A. Popova.
RUSSIAN, per, Plast Massy, No 9, 1967, pp 19-21.
ATS RJ-5038

Sci-Mat
July 69

385,464

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

A Method of Determining the Relaxation Constants of Plastics from Thermomechanical Curves, by S. B. Ratner.
RUSSIAN, per, Plast Massy, No 8, 1967, pp 68-69.
ATS RJ-4913

Sci-Mat
Feb 69

373,738

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Static Electricity on Synthetic Materials,
by V. A. Tsendrovskaya.
RUSSIAN, per, Plast Massy, No 8, 1967,
pp 70-72.
ATS-4901

Sci
Dec 68

368,767

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Phosphonitrile Polymers, by V. V. Kireev.
RUSSIAN, per, Plast Massy, No 8, 1967,
pp 20-24.
ATS RJ-4942

Sci-Mat
Feb 69

373,763

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Heat-Stable Molding and Extrusion Materials from Methyl Methacrylate, by K. A. Sivograkova.
RUSSIAN, per, Plast Massy, No 8, 1967, pp 4-5.
ATS RJ-5037

Sci-Mat
July 69

385,463

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Thermal Destruction of Hardened Phenoformolites of Novolac Type, by V. G. Gutsalyuk, Ye. A. Yatsenko. RUSSIAN, per, Plasticheskiye Massy, No 7, 1967, pp 30-33.
FTD-S-1~~67~~ 151-68
151-68

Nov 68

353,558

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

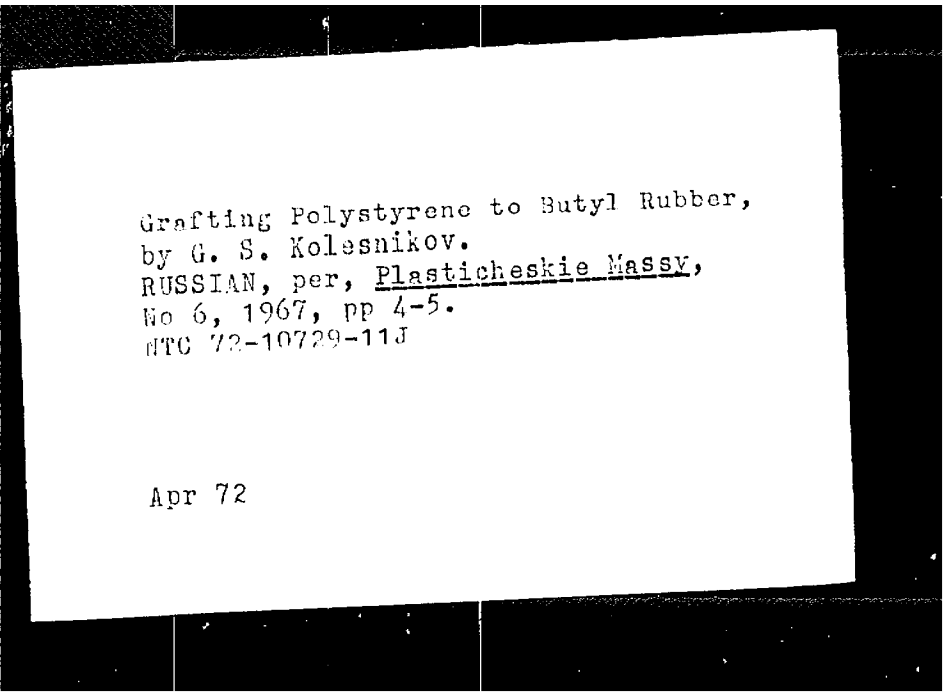
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Reaction of Epoxy Resins with Novolaks at Increased Temperatures, by A. F. Nikolayev, M. S. Trizno. RUSSIAN, per, Plasticheskiye Massy, No 6, 1967, pp 28-31.
~~FTD-S-279~~
FTD Special 242 68

Jan 69 374,224

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



Grafting Polystyrene to Butyl Rubber,
by G. S. Kolesnikov.
RUSSIAN, per, Plasticheskie Massy,
No 6, 1967, pp 4-5.
NTC 72-10729-11J

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Wear of Epoxy Compounds in Abrasive Streams,
by S. I. Oerlin, S. B. Ratner. 12 pp.
RUSSIAN, per, Plasticheskiye Massy, No 5, 1967,
pp 35-38.
AIR/FTD/HT-23-607-68

sci/materials
apr 69

380,039

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

ATS

RJ-5705 THE EFFECT OF IMPURITIES ON THE POLYMERIZATION OF ETHYLENE, G. P. Belov and N. D. Karpova, Plast. Massy 1967, No. 5, 8-12. Effect of various impurities on low-pressure polymerization of ethylene using catalysts based on Ti halides & alkyl Al or alkyl Al halides. Effect on properties also studied.
4100 W; 101 R $17.15 ($2.30)

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

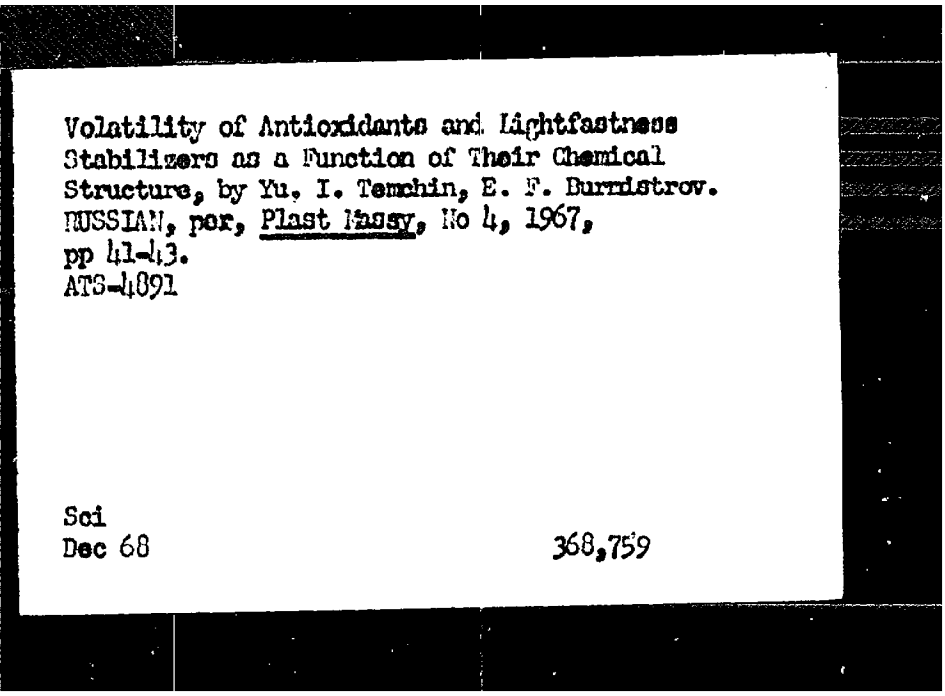
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Synthesis of Polydioxolan, by A. A.Brikenshteyn, A. S. Abrosimov
RUSSIAN, per, Plasticheskie Massy. Vol 5, 1967, pp 7-8.
Dept of Navy NIC Trans No-2769

Sci-Materials
Feb 69 369,627

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0



Volatility of Antioxidants and Lightfastness Stabilizers as a Function of Their Chemical Structure, by Yu. I. Temchin, E. F. Burmistrov. RUSSIAN, per, Plast Massy, No 4, 1967, pp 41-43.
ATS-4891

Sci
Dec 68

368,759

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Polymerization of Vinylcyclohexane and its Derivatives, by V. I. Kleiner. RUSSIAN, per, Plasticheskie Massy, No 4, 1967, pp 3-7.
NTC 72-10793-11I

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Rheological Properties of Ionomer Melts, by
V. I. Bukhgalter.
RUSSIAN, per. Plast Massy, No 3, 1967,
pp 43-44.
ATS RJ-4948

Sci-Mat
Feb 69

373.769

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

The Effect of Fillers on the Antifrictional Properties of Epoxy Compounds, by V. G. Tverdokhleb, N. F. Kuz'min. RUSSIAN, per, Plast Massy, No 3, 1967, pp 33-36.
ATS RJ-4933

Sci-Mat
Feb 69

373,754

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Effect of Volatility of Thiobisphenols on Their Effectiveness as Heat Stabilizers for Polyolefins, by F. M. Egidis.
RUSSIAN, per, Plast Massy, No 3, 1967, pp 12-13.
ATS RJ-4916

Sci-Mat
Feb 69

373,741

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Determination of the Degree of Grafting of Styrene to Rubber in Impact-Resistant Polystyrene, by A. M. Komashko, N. V. Galenko.
RUSSIAN, per, Plast Massy, No 2, 1967, pp 64-65.
ATS RJ-4940

Sci-Mat
Feb 69

373,761

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Siliconorganic HArdeners, by V. B. Losev. 3 pp.
RUSSIAN, per, Plasticheskiye Massy, Vol 2, 1967,
p 46.
FTD S-~~790~~ 465-69

465-69

aug 69 388,562

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Effect of the Composition of Plastics on Their
[illegible] Determination, by S. B. Ratner, I. I. Narkevova.
9 pp.
RUSSIAN, per, Plasticheskiye Massy, No 1, 1967,
pp 64-67.
AD/FTD/MT-23-362-68

sci/ materials
sept 69 391,009

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Certain Properties of Plastics at Low Temperature, by V. A. Levin, P. G. Naumenkov, et al.
5 pp.
RUSSIAN, per, Plasticheskiye Massy, No 11, 1966, pp 64-65.
AIR/FTD/HT-23-374-68

sci/materials
apr 69 377,980

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Azeotropic Rectification of a Mixture of Silicon Tetrachloride With Trimethylchlorosilane in the Presence of Acetonitrile, by T. P. Korablina, Yu. K. Moldanov, et al. 10 pp.
RUSSIAN, per, Plasticheskiye Massy, No 11, 1966, pp 22-25.
AIR/FTD/HT-23-959-68

sci/chemistry
dec 69

398,655

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Apparatus For Studying the High-Temperature Oxidation of Polymers, by B. A. Gromov. RUSSIAN, per, Plast Massy, No 10, 1966, p 55.
ATS-4878

Sci
Dec 68

368,746

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Effect of the Structure of the Glycol on the Thermal Degradation of Polyurethanes, by O. G. Taralanov, V. A. Orlov, RUSSIAN, per, Plast Massy, No 10, 1966, pp 37-39.
ATS-4895

Sci
Dec 68

368,763

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Antioxidants For Polypropylene, by
L. A. Kalashnikova.
RUSSIAN, per, Plast Massy, No 7, 1966,
pp 10-11.
ATS-4092

Sci
Dec 68 368,760

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Use of Polycyclic Polyisocyanates as Components of Cold-Curing Adhesive Compositions, by A. A. Zalikin.
RUSSIAN, per, Plast Massy, No 6, 1966, pp 46-48.
ATS-4877

Sci
Dec 68

368,745

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Thermooxidative Degradation of Polycarbonates,
by B. N. Kovarskaya.
RUSSIAN, per, Plast Massy, No 6, 1966,
pp 40-42.
ATS-4393

Sci
Dec 68

368,761

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Inhibition of the Oxidation of Polymers by Some Free Radicals, by L. L. Yasina.
RUSSIAN, por, Plast Massy, No 6, 1966,
pp 37-39.
ATS RJ-4928

Sci-Mat
Feb 69

373,751

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Thermophysical Properties of Polymers Over a Wide Temperature Range, by M. I. Mishchenko.
RUSSIAN, per, Plast Massy, No 3, 1966, pp 59-61.
ATS RJ-5022

Sci-Phys
July 69] 385,453

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Fiber Glass Plastic Obtained from Polyester Epoxy Binder by the Contact Method at Normal Temperatures, by L. I. Kravchenko, N. S. Leznov.
RUSSIAN, per, Plasticheskiye Massy, No 3, 1966, pp 28-32.
AIR/FTD/HT-23-375-68

Sci-mat
Apr 69 379,869

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Study of the Thermal Degradation of High-Impact Polystyrene, by N. V. Galenko.
RUSSIAN, per, Plast Massy, No 3, 1966, pp 15-17.
ATS-4894

Sci
Dec 68

368,762

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Heteropolycondensation of Acetylferrocene With Carbamide, by I. A. Golubeva, T. P. Vishnyakova, 6 pp.
RUSSIAN, per. Plast Massy, No 12, 1965, pp 10-12. P100059866
FTD-HT-66-474

Sci - Chem
Nov 66

312,921

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0

Modification of the Structure and Properties of Monoolefins. Copolymers of Ethylene with Higher α-Olefins, by A. G. Sirota.
RUSSIAN, per, Plast Massy, No 11, 1965, pp 5-8.
ATS RJ-4915

Sci-Mat
Feb 69

373.740

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200460005-0